



Water Quality NewsFlash

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Caltrans New Technology Report – Preliminary assessment of potential

BMPs – The *Storm Water Treatment BMP New Technology Report* consolidates and standardizes information on new technologies that are part of the Department's best management practice (BMP) identification, evaluation and approval process. New technologies include the latest innovations in permanent storm water treatment and control, as well as existing technologies currently in use by other DOT storm water management programs or municipalities, but not previously approved as BMPs by Caltrans. Appendix B has six new fact sheets included in this year's report: Aeration, Detention - Below Grade Storage, Filtration - Integrated Filter and Detention Basin, Infiltration - Below Grade Storage, Litter and Debris Removal: Stormscreen™, and Water Quality Inlets. Over 130 past and current full-scale and small-scale pilot studies are also listed. Favorable evaluations of the BMP technologies can lead to pilot studies to gather cost and performance data. <http://www.dot.ca.gov/hq/env/stormwater/special/newsetup/index.htm>; go to New Technology, then SW-04-069.04.02

The *BMP Retrofit Pilot Program – Final Report* discussed in *NewsFlash* 04-16 describes the results of full scale pilot testing of 14 different types of BMPs. The appendices for this report are now posted. Go to the same site as above; then SW-01-050 and SW-01-050a.

Roadworker Safety – Work zone fatalities increasing nationwide – Some stormwater BMPs require construction or retrofits on existing roadways, potentially placing workers at risk. The FHWA Administrator recently noted that in 2002, 1,181 persons were killed in motor vehicle crashes in work zones and more than 52,000 people were injured. Since 1998, work zone fatalities have increased 53 percent nationwide. Four out of five work zone fatalities are drivers and passengers. The risk to both travelers and road workers needs to be assessed during evaluation of potential BMPs. Caltrans has an ongoing *Slow for the Cone Zone* campaign which is intended to increase California drivers' awareness of the importance of driving slower in construction zones for the safety of road workers. The effort has led to decreased construction zone collisions in CA since the program began. FHWA: <http://www.fhwa.dot.gov/pressroom/re040406.htm>

Beach Cleanliness – Improving – A combination of drier weather and increased controls, particularly for sanitary sewer system overflows, produced better beach quality as tabulated by Heal the Bay's *Annual Beach Report Card*: <http://www.healthebay.org/brc/annual/2004/execsumm.asp>

Upcoming:

- **Project Clean Water – Summit** (*San Diego area water quality issues*) – 7/15, USD; Keynote Speech by T. Tamminen, CAL/EPA Sec.; http://www.projectcleanwater.org/html/cws_2004.html
- **Workshops - Ultraviolet Light** – sponsored by California Water Environment Association; Dublin - June 16, Whittier – 6/18/04. UV is increasingly being used for wastewater disinfection. http://www.cwea.org/pdf/conferences/2004/Specialty_UV.pdf

WQ NewsFlash is a weekly update of storm water and related news for the Department. *Verify information before taking action on these bulletins.* Contact Betty Sanchez, Betty_Sanchez@dot.ca.gov (916) 653-2115, or Fred Krieger, (510) 843-7889, fkrieger@msn.com with questions or to be added or deleted from e-mail list. Posted & searchable online at: <http://www.dot.ca.gov/hq/env/stormwater/publicat/newsfax/index.htm>